

Serial # 10/772,328

Docket #: 2243-001

In the Specification

Please replace the paragraph beginning on page 8 at line 3 with the following replacement paragraph:

Various embodiments of the shells 42 are shown in Figs. 4a,4b and in Fig. 5. As shown in Figs. 4a and 4b, each shell 42 extends upwards from the base plate 29. Typically, the shells 42 would be nested concentrically. Each annular cavity 43 is formed between each adjacent pair of shells 42 and has an open end-46. In one aspect, the annular cavities 43 result in a quieting of the gas stream and permit the centrifugally separated liquids to fall-out of suspension and avoid re-entrainment. As the separation of liquids by centrifugal force is a continuum, occurring at a maximum at the vessel side 25 wall and a minimum at the central axis, the series of shells 42,42 and annular cavities 25,43 and 43,43 collect liquid from a plurality of radial locations in the spinning gas stream. The base plate 29 adjacent each annular cavities 43 is fit with a plurality of drain holes 45 to enable the emptying of each cavities into the liquid collection section L below the shells 42 and base plate 29.